Central Data Exchange Air Emissions Inventory 1999 NEI Update User Guide

May 2001





GETTING STARTED

CDX will start accepting electronic submissions beginning May 24, 2001.

SYSTEM REQUIREMENTS

Please have the following items before you get started:

- Emission inventory files to be submitted. The files must be in the National Emission Inventory (NEI) Input Format or Extensible Markup Language (XML) and be zipped.
- ◆ E-mail account. In order to participate in this project, you will need an e-mail account. Here is one resource for free e-mail: HTTP://WWW.FREE-EMAIL-ADDRESS.COM/.
- Internet access.
- Internet Explorer (IE) 5.5 with 128-bit encryption. Go to the following link to download:
 HTTP://WWW.MICROSOFT.COM/WINDOWS/IE/. (Do not download IE 6.0; it is a beta version.)
- Pentium processor (minimum). To check processor information, open Control Panel, click System (icon), go to General tab, and check the processor information displayed under the Computer section.
- Microsoft Windows 95B with Y2K Service Pack installed, Windows 98, Windows 2000 or Windows NT4.0 (Service Pack 5 or greater). To check for the Y2K upgrade in Windows 95 or 98 environments, go to Windows Explorer, select View, click on Details, and look in C:\Windows to find the Y2KW95.txt file.

Do not proceed if you do not meet all of these requirements. For more information, call the CDX Technical Support line for assistance at 888-890-1995.

NEI SUBMISSION SCHEDULE

You will be able to submit your state's emissions 1999 NEI Update data from May 24 through June 1, 2001. Note that your submission due date is **June 1, 2001**. Please keep in mind the following milestone dates:

May 24, 2001: Registration with CDX available

May 24, 2001: CDX available to begin accepting AEI electronic submis-

sions

June 1, 2001: NEI Update 1999 submissions due

SUPPORT

For general and technical questions related to CDX, three support options are available:

Telephone Person-to-person telephone support is available from 8:00 a.m. to 6:00 p.m. (EST). Call our toll-free line at 888-890-1995. E-mail Send e-mail to Technical Support at EPACDX@LMI.ORG with

Fax Assistance requests are accepted 24 hours a day at 703-917-7105. Support personnel will respond to faxed requests Monday through Friday from 8:00 a.m. to 6:00 p.m. (EST).

If you have questions about the content, format, and policy for reporting emissions inventory data, please call Lee Tooly with the Emissions Factor and Inventory Group at 919-541-5292 between 8:00 a.m. and 4:30 p.m. (EST).

PROCESS OVERVIEW

The process to submit your emissions inventory files to EFIG involves the following steps:

Step 1: Prepare emissions data in NIF format and zip file

Step 2: Access CDX secure website

Step 3: Activate CDX account

"AEI Tech Support" in the Subject line.

Step 4: Access NEI submittal form

Step 5: Populate NEI submittal form

Step 6: Attach and send zipped file

Step 7: Log off of CDX

Step 8: Log on after account activation

Step 9: Provide user comments

STEP 1: PREPARE EMISSIONS DATA IN NIF FORMAT AND ZIP

Prepare your emissions data in the NIF format. Version 1.2 or 2.0 will be accepted this year; see

WWW.EPA.GOV/TTN/CHIEF/EIDOCS/INDEX.HTML#NET.

The file must be zipped before it can be submitted to CDX.

The file must follow the naming convention:

- First 3 characters of the EPA program: AEI
- Next 2 characters: 2-letter state abbreviation
- Next 2 characters: number of submission
- User ID used for CDX registration.

If the file name is AEIVA01chaudet123, the file for upload is AEIVA01chaudet123.zip.

STEP 2: ACCESS CDX SECURE WEBSITE

You should have IE 5.5 with 128-bit encryption. If you would like to download IE, go to the following website before you access CDX: HTTP://WWW.MICROSOFT.COM/WINDOWS/IE/.

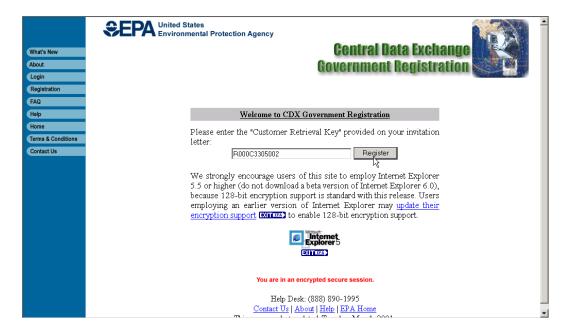
Go to HTTPS://EPACDX.LMI.ORG/GOVTREGISTRATION through your Internet connection. CDX is a secure website that supports Secure Sockets Layer (SSL). Depending on the version of Internet Explorer that you use, you may be prompted with this pop-up Security Alert message:



Click **Yes** to proceed to the CDX Registration page.

STEP 3: ACTIVATE CDX ACCOUNT

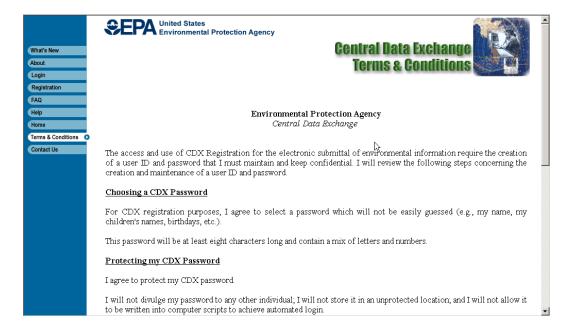
At the CDX Registration page, enter the provided Customer Retrieval Key (case sensitive—use UPPER CASE) from your invitation letter in the text box, then click **Register**. If you end the session before you complete registration or the session times out (which occurs if inactive for 20 minutes), you will have to contact CDX Technical Support to have your customer retrieval key reset.



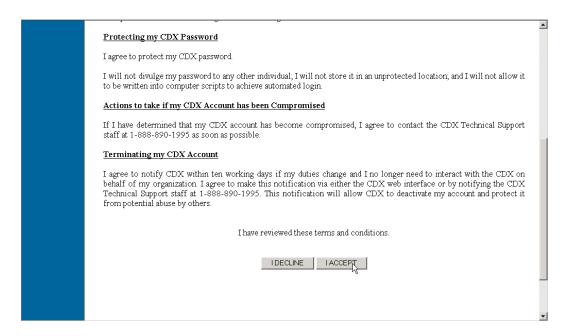
Read the warning notice, then click the **Click here to continue** link.



Carefully read the CDX Terms and Conditions. You should print a copy for your records.

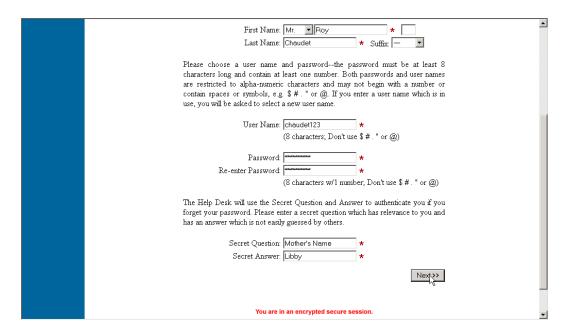


Click I Accept at the bottom of the "Terms & Conditions" screen to continue.



When you accept the terms and conditions, the "User Information" screen will display.

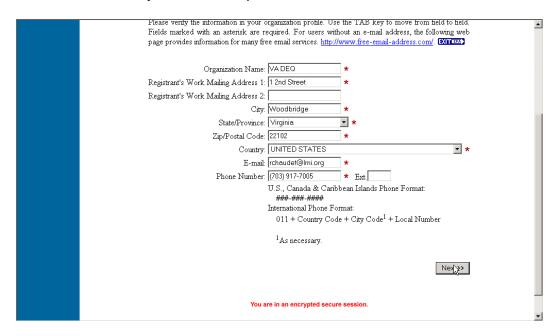
The "User Information" screen displays information you provided when you preregistered in CDX government registration. Make any necessary changes to the displayed information.



Choose your user name and password. (A unique user name is required within CDX. If the user name supplied is already in use, you will be prompted to select another user name.) The user name and password must be at least eight characters long and must include at least one number. Both user name and password are restricted to alpha-numeric characters and may not begin with a number or contain spaces or symbols, e.g., \$, #, ", or @. The user name and password should not be the same.

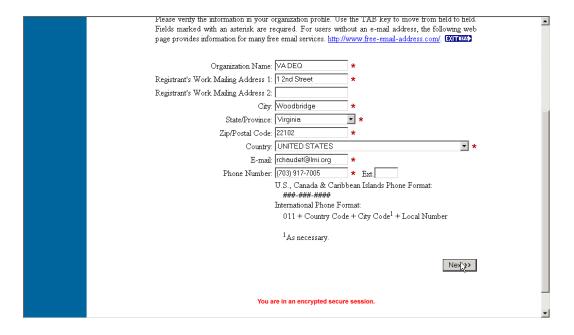
In addition to user name and password, you must provide a secret question and secret answer. If you forget your user name and password, CDX Technical Support will supply the secret question and you must provide the secret answer to reset your password.

Select **Next** when you have completed the "User Information" screen.

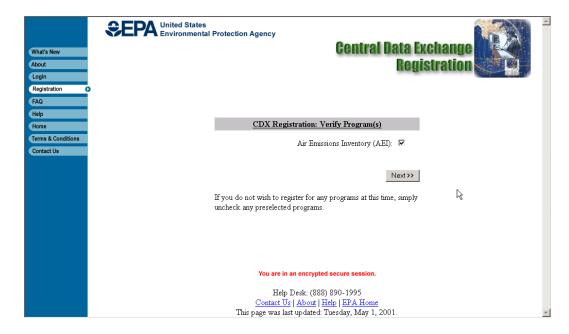


NOTE: You will need your user name and password each time you log on to CDX. Remember your user name and password.

The CDX registration user information was obtained from your preregistration information. Make any necessary changes to the displayed information. Click **Next** after you have reviewed and, if necessary, updated this screen.



The "CDX Registration: Verify Program(s)" screen will appear. Confirm that you are registered for the Air Emissions Inventory program, then click **Next**.



Verify and accept default selections, where indicated, on the "Registration" screen.

Role: Submitter.

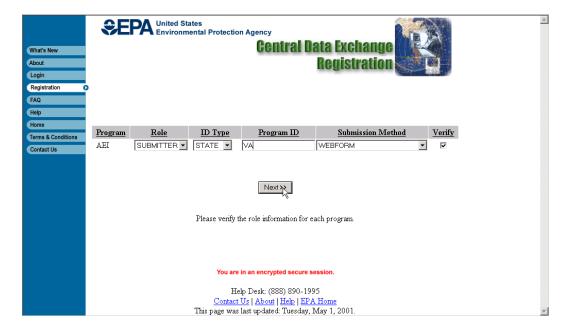
ID Type: Verify as state, county, district, city, tribe, or other.

Program ID: Verify state abbreviation. If local agency, verify agency

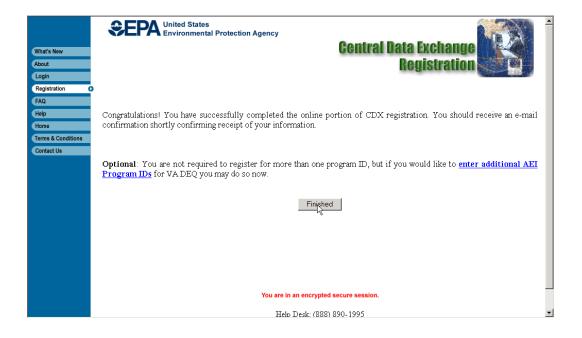
name after state abbreviation.

Submission Method: Select Webform if you are submitting a zipped file that is smaller than 100 MB. For files that are larger than 100 MB, contact CDX Technical Support.

Click **Next** to proceed.



A completion screen will verify that you have completed registration. CDX provides the option for adding Program IDs if, in the unique circumstance, you represent more than one reporting entity. Please let us know if this is the case by contacting CDX Technical Support.



STEP 4: ACCESS NEI SUBMITTAL FORM

NOTE: Before you begin this part of the CDX electronic submission process, you must have your zipped file ready.

Click the **AEI: Air Emissions Inventory** link from the "My CDX" screen to submit your file.



STEP 5: POPULATE NEI SUBMITTAL FORM (CONTINUED)

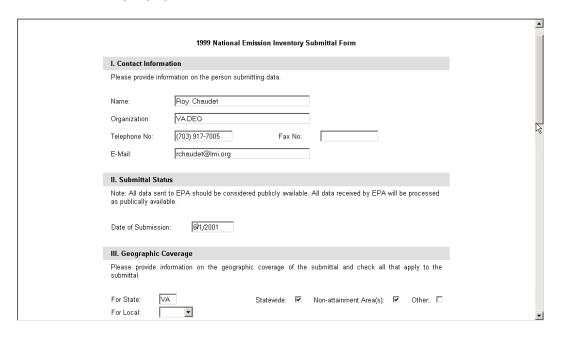
Fill out sections I, II, and III of the NEI Submittal Form.

I. Contact Information

This section is prepopulated with the name, organization, telephone number, fax number, and e-mail address of the person who logged in. Confirm that the information displayed is accurate and make any changes necessary.

II. Submittal Status

This section is prepopulated with the current date.



III. Geographic Coverage

This section documents the geographic reporting of your submittal. The For State drop-down box is prepopulated with your state information. Confirm that the state displayed is correct and make any changes necessary. In the For Local drop-down box, select the data level for county, city, district, tribal or other. Then populate all that apply to your submittal: Statewide, Non-attainment Area(s), or Other.

STEP 5: POPULATE NEI SUBMITTAL FORM (CONTINUED)

Complete sections IV, V, and VI.

IV. Pollutant Information

This section notes the pollutants included in your submittal. Check all that apply to your submittal: VOC, NOx, CO, SO2, PM10, PM2.5, NH3, HAPs.

V. Source Category Information

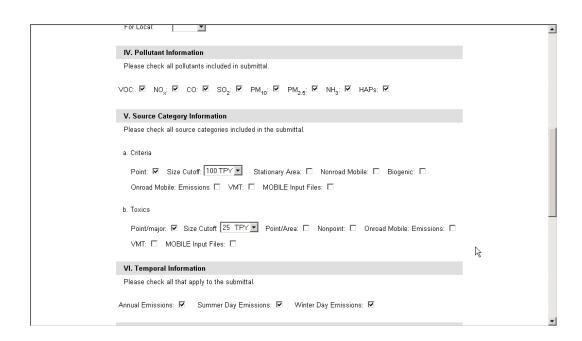
This section notes the criteria and toxics covered by your submission:

For Criteria, check all that apply to your submission: Point, Stationary Area, Nonroad Mobile, Biogenic, Onroad Mobile: Emissions, VMT, MOBILE Input Files. Finally, in the Size Cutoff drop-down box, choose 5, 10, 25, 50, 100, 250, or other.

For Toxics, check all that apply to your submittal: Point/major, Point/Area, Nonpoint, Onroad Mobile: Emissions, VMT, MOBILE Input Files. Finally, in the Size Cutoff drop-down box, choose 10, 25, or other.

VI. Temporal Information

This section indicates the time period covered by your submission. Populate all temporal information categories that apply: Annual Emissions, Summer Day Emissions, Winter Day Emissions.



STEP 5: POPULATE NEI SUBMITTAL FORM (CONTINUED)

Complete sections VII, VIII, and IX. Once you have filled out the 1999 National Emission Inventory Form, you are ready to transmit the web form and your zipped file.

VII. Electronic Submittal Information

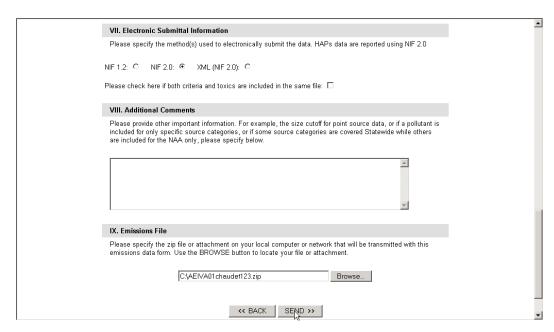
This section notes the format of your submission. Specify the file format of your data by pushing the appropriate radio button: NIF 1.2, NIF 2.0, or XML (NIF 2.0). Populate the check box if both criteria and toxics data are included in the same file.

VIII. Additional Comments

Note other important information in the comment box provided. For example, the size cutoff point source data or some source categories are covered statewide while others are included for the NAA only.

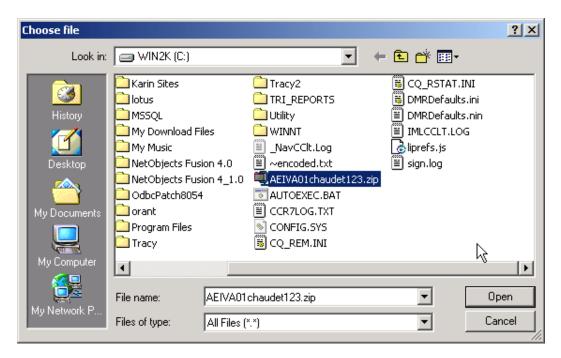
IX. Emissions File

Use the browser to select the zip file that will be transmitted with this form. Note the file will need to follow the file naming convention described in step one.

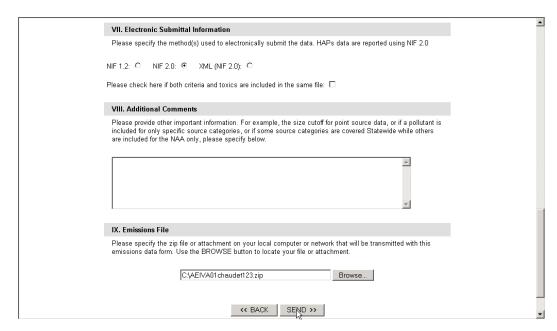


STEP 6: ATTACH AND SEND ZIPPED FILE

The default file format for the browser is HTML. You will have to set the file format to All Files (*.*) to view your submission file in the browser. Highlight the file and click the **Open** button.

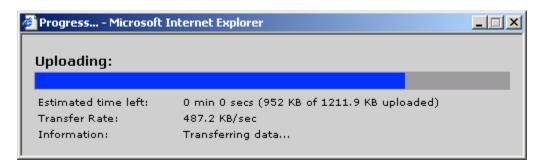


Then click the **Send** button to submit your file.

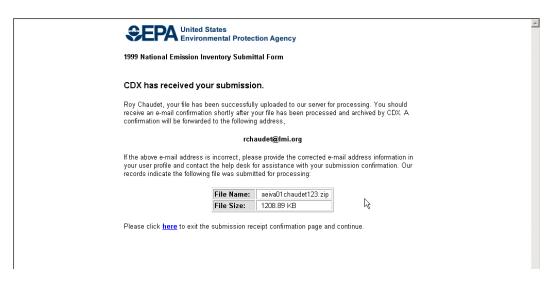


STEP 6: ATTACH AND SEND ZIPPED FILE (CONTINUED)

The following message will appear on your screen indicating that your file is transferring.



If your upload is successful, you will receive an acknowledgement confirming the name of the file uploaded along with your e-mail address.



You will also receive e-mail from our automated system confirming our receipt of your file. The CDX file name derived from the information provided in your NEI Submittal Web Form will be listed on the receipt e-mail.

*** This is an automated response *** *** Please DO NOT REPLY to this email. *** *** Replies will not be answered ***	I
The file you sent: AEIVAo1CHAUDET123200151512736.ZIP was received on: 5/15/01 12:10:00 PM	
Thank you for your submission	
United States Environmental Protection Agency Central Data Exchange A New Paradigm for Environmental Reporting.	
5/15/01 12:10:01 PM	

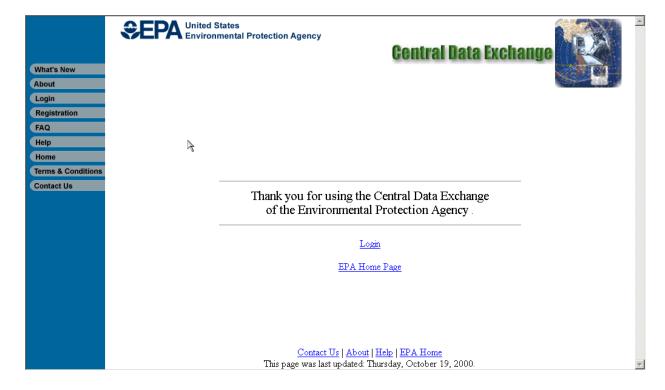
STEP 7: LOG OFF OF CDX

Click **Logout** on the blue sidebar menu from the "My CDX" screen.



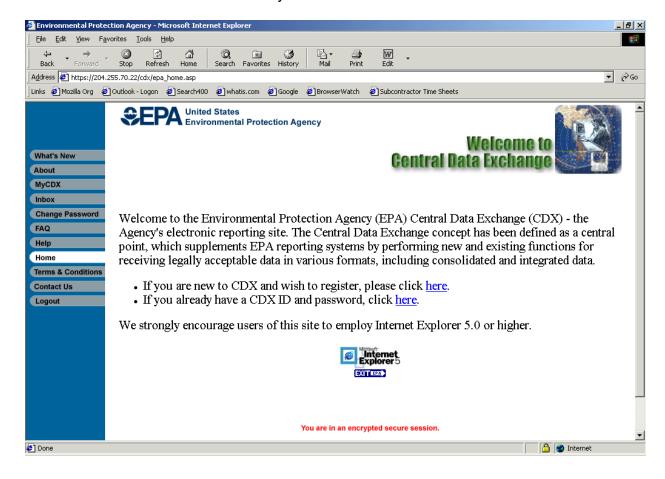
STEP 7: LOG OFF OF CDX (CONTINUED)

The logout screen will appear. Close the Web browser to exit.



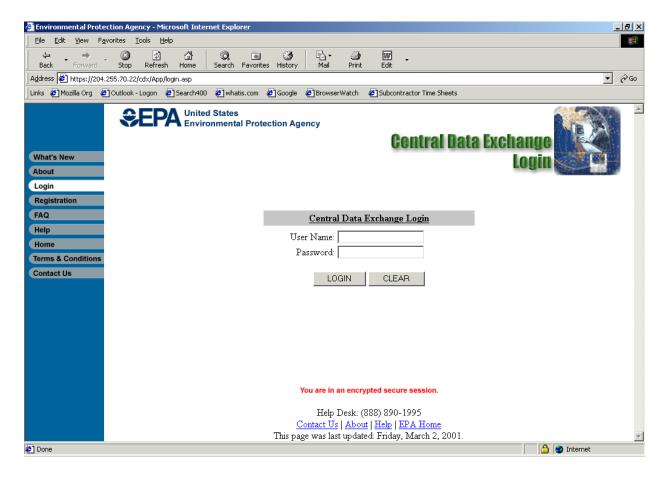
STEP 8: LOG ON AFTER ACCOUNT ACTIVATION

To log on after you have activated your account, go to the CDX home page at HTTPS://EPACDX.LMI.ORG. Click on the second link: If you already have a CDX ID and password, click here. You can save this as a reference and use it next year or for the next submission round.



STEP 8: LOG ON AFTER ACCOUNT ACTIVATION (CONTINUED)

Enter your user name and password in the Central Data Exchange "Login" screen.



STEP 8: LOG ON AFTER ACCOUNT ACTIVATION (CONTINUED)

Click the **AEI: Air Emissions Inventory** link from the "My CDX" screen to submit your files following instructions beginning with Step 4.



STEP 9: PROVIDE USER COMMENTS

Please send us any comments you have about this project. You may submit your comments to CDX Technical Support at EPACDX@Imi.org with "AEI Comments" in the subject line. Thank you for your participation.